

Notice of Allowability

Application No.

10/826,540

Examiner

Chuck Huynh

Applicant(s)

SCHREYER ET AL.

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/16/2007.
2. ☒ The allowed claim(s) is/are 1, 2, 5-7, 10 and 11.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


DUC M. NGUYEN
SUPERVISORY PRIMARY EXAMINER
TECHNOLOGY CENTER 2600

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DETAILED ACTION

1. The Art Unit location of your application in the USPTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Art Unit 2617.

EXAMINER'S REMARKS

Independent claims 1 and 7 are allowable, but have minor 112 issues; however, in the interest of advancing prosecution, Examiner has fixed the problems as shown below.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

Claim 1 now recites:

A method for radio transmission of messages in an alarm signaling system with a central station and a plurality of bidirectional and unidirectional subscribers, in which the central station and the bidirectional subscribers each feature a send and receive unit

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while the unidirectional subscribers merely possess a send unit and whereby the unidirectional subscribers located outside the radio coverage area of the destination of a message of the unidirectional subscriber, which as a rule is the central station, attempt to send messages via one of the bidirectional subscribers to the destination, comprising the steps of:

- assigning individual time slots to each bidirectional subscriber;
- receiving a message sent by a unidirectional subscriber by all bidirectional subscribers within its radio coverage area,
- waiting by each bidirectional subscriber that has received the message for said individually assigned timeslot to send a confirmation and/or to forward the message to a destination or to a central station;
- during a wait time, switching to receive by each bidirectional subscriber in order to monitor a radio channel to see if another bidirectional subscriber with a shorter wait time has already confirmed the message and/or forwarded it to the central station, and
- as soon as a subscriber receives a confirmation of the message or the fact that it has been forwarded, suppressing its own confirmation or forwarding of the message, wherein the order of the wait times and thereby the wait times of the bidirectional subscribers is defined by their address within the radio cell.

Claim 7 now recites:

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A method for radio transmission of messages in an alarm signaling system with a central station and a plurality of bidirectional and unidirectional subscribers, comprising the steps of:

- assigning individual timeslots to each bidirectional subscriber;
- receiving a message sent by a unidirectional subscriber by all bidirectional subscribers within its radio coverage area,
- waiting for said individually assigned timeslot by each bidirectional subscriber that has received the message to send a confirmation and/or to forward the message to a destination or to the central station, wherein during a wait time, each bidirectional subscriber switches to a receive mode in order to monitor a radio channel,
- monitoring whether another bidirectional subscriber with a shorter wait time has already confirmed the message and/or forwarded it to the central station, and
- as soon as a bidirectional subscriber receives a confirmation of the message or the fact that it has been forwarded, suppressing its own confirmation or forwarding of the message, wherein the order of the wait times and thereby the wait times of the bidirectional subscribers is defined by their address within the radio cell.

Claim 6 now recites:

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The method in accordance with Claim 1, wherein, in the central station the identification of the unidirectional subscriber is checked and in accordance with this check, the message is either accepted or rejected.

Allowable Subject Matter

2. Claims 1, 2, 5-7, 10, and 11 are allowed.
3. The following is an examiner's statement of reasons for allowance:

Claims 1 and 7 are allowed because the closest prior arts, Aljadeff (WO 00/53658) in view of Menard et al. (US 6563910) either singularly or in combination, fail to anticipated or render obvious a method for radio transmission of messages in an alarm signaling system with a central station and a plurality of bidirectional and unidirectional subscribers, comprising the steps of:

- waiting by each bidirectional subscriber that has received the message for said individually assigned timeslot to send a confirmation and/or to forward the message to a destination or to a central station;
- during a wait time, switching to receive by each bidirectional subscriber in order to monitor a radio channel to see if another bidirectional subscriber with a shorter wait time has already confirmed the message and/or forwarded it to the central station, and
- as soon as a subscriber receives a confirmation of the message or the fact that it has been forwarded, suppressing its own confirmation or forwarding of

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the message, wherein the order of the wait times and thereby the wait times of the bidirectional subscribers is defined by their address within the radio cell, **in combination** with all other limitations in the claim(s) as defined by applicant.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

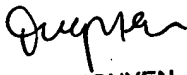
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuck Huynh whose telephone number is 571-272-7866. The examiner can normally be reached on M-F 8am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc Nguyen can be reached on 571-272-7503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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